

Experiment 3: Annotating Drawings with Standard Text and Dimensions

Objective:

To add text annotations and dimensioning to drawings for clarity and standardization.

Software/Tools Required:

- AutoCAD
- Laptop/PC

Theory:

Provide theoretical background relevant to the task, including commands and standards.

Procedure:

1. Open a previously created drawing.
2. Use text tools (single-line, multi-line) to label rooms, parts, or dimensions.
3. Employ dimension tools (linear, aligned, radius, diameter).
4. Set dimension and text styles as per drawing standards.
5. Save as “Annotated_2D.dwg”.

Results:

Attach a printout of the completed drawing here.

Conclusion:

Summarize the skills learned and their applications in civil engineering.